

Phase 2: DO Criteria for Mount Hope Bay and Taunton River Estuary

TAC Meeting #2 Agenda

May 3, 2018

9:00-1:00

**MassDEP Southeast Regional Office
20 Riverside Dr., Lakeville, MA 02347**

1. Welcome, Goals for the meeting, Updates since last TAC (9:00-9:20 MassDEP)

Overview of April 3rd meeting, goals for today

2. Options for developing alternative DO criteria (9:20-11:00 Tetra Tech)

- a. Options for developing numeric DO Criteria
 - i. Direct adoption of EPA Virginian Province Results
 - ii. Virginian Province Method Refined to Reflect Mt. Hope Bay/ Taunton River Estuary Species
 - 1. Present as mg/L
 - 2. Present as % saturation
 - iii. Modification of Virginian Province Approach or Results to Additionally Account for Sensitive Species
 - 1. Avoidance endpoints
 - 2. Modification related to sturgeon habitat (site specific)
- b. Options for refining application of criteria
 - i. Apply different criteria to address seasons or habitats?
 - ii. Apply criteria to differently account for Good or Excellent habitat and SA/SB designations?

Options will be presented and discussed with TAC members

3. Break (11:00-11:15)

4. Review of DO data (11:15-11:45 Tetra Tech, Normandeau, and MassDEP)

- a. Summary of MHB buoy data
- b. Summary of statewide data analysis approach
- c. Preliminary summary results for statewide data

Preliminary data will be reviewed and discussed

5. Closing Discussion, Next Steps (11:45-12:45)

Discussion, consensus statements, timeline, and next steps